



**AGX 450/480
Livestock RFID
mobile reader**

Product Description

The compact handheld with RFID, Barcode and Bluetooth*
 The portable readers AGX450 and AGX480 combine an ISO 11785 RFID reader, a barcode reader and an alphanumeric keypad for easy data collection and are nevertheless so small that they fit even into a shirt pocket. The IP64 housing of the AGX450/480 is very handy and easy to operate even under worse conditions. The FLASH Memory capacity of 5000 IDs is sufficient for more than a days work. The data are protected even when the battery fails.
 *The AGX480 has an additional bluetooth class 2 interface.

Advantages of the AGX450/480 readers

Combines a RFID reader with a laser barcode engine and an alphanumeric keypad with 26 keys.
 The RFID Reader is compatible to the ISO standard 11785 and read FDX-B and HDX with good reading range. Tags with the widely used chip type H4002 can be read optionally.
 The laser barcode engine read the most widely used barcodes like 2 of 5, Code 39, Code 128, UPC, EAN 8/13
 Downloadable user-defined action codes can be combined with values via the keypad. The action code can be either a number or free programmable alphanumeric text. With the "Action code plus" function an additional value can be saved. A look-up table can be downloaded to show animal live numbers or farm numbers additional to the transponder ID.
 With the ASSIGN function the animal ID and the transponder ID can be assigned in the field. The animal ID can be added from a downloadable list or the keypad.
 The two HOTKEYS of the AGX 450/480 can be programmed individually and combined with a special action code to make recurrent work more convenient.
 The memory is sufficient for 2000 IDs, including Alias (e.g. animal ID), time stamp and action code which is protected if the battery fails.
 Due to the handy design and the pocket size of its robust IP 64 case the reader is very comfortable even under worse conditions.
 The large backlit display has 2 x 16 characters and is very readable.
 An ergonomic mobile phone style keyboard with 26 keys ensure easy and comfortable operation. The AGX 450/480 is prepared for data communication, power supply and recharge via the optional USB docking station ADS200.
 For convenient power management the AA type batteries can be replaced, a car adaptor for recharge is available.
 The AGX 480 has an additional integrated class 2 bluetooth module that enables wireless communication with computers up to 10 m.

Article no:		AGX 450
	with Bluetooth	AGX 480

Typical Applications

- Animal tracking
- Livestock
- Slaughterhouse

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Technical Specifications
AGX 450/480

Technical Data AGX450/480

Frequency	134.2 KHz
Transponder types	HDX compatible (ISO 11784/5) FDX-B compatible (ISO 11784/5) H4002 compatible (optional)
Reading range	Approx. 25cm with HDX transponder of \varnothing 30 mm Approx. 18cm with FDX-B Transponder of \varnothing 30 mm Depending on transponder type
Barcode Reader	Laser barcode engine 2 of 5, Code 39, Code 128, UPC, EAN 8/13, etc.
Interfaces	USB with optional docking station ADS200
Power supply	2 x 1.5V AA rechargeable Mignon Batteries External power supply and recharge with ADS200 (wireless)
Protection	IP 64
Temperature range	-10 bis to 60°C
Dimensions	L x W x H: 175 x 90 x 36 mm
Weight	AGX450 approx. 330 g AGX480 approx. 380 g
Approvals	CE, FCC part 15 class A (AGX450 only), Canada Industry Standard, CCIA, JRC